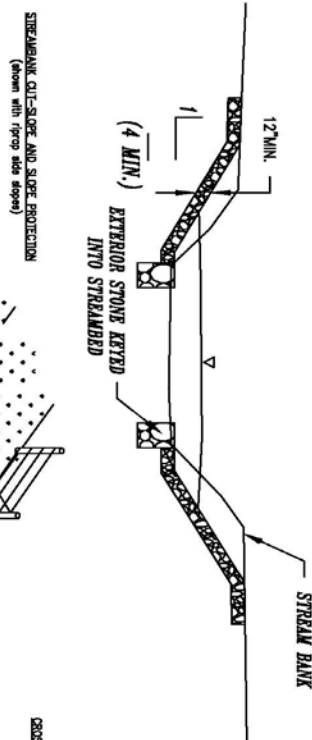
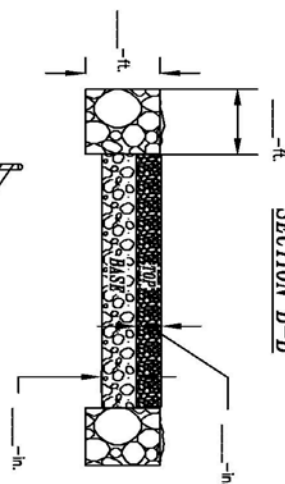


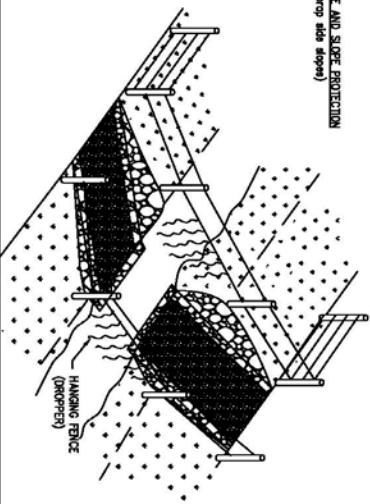
SECTION A-A



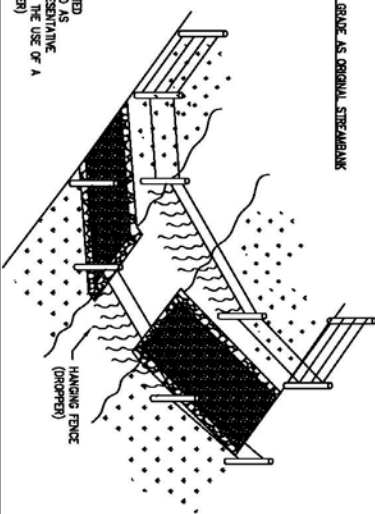
SECTION B-B



ADAPTED FROM PA D.E.P.
GENERAL PERMIT
BOW-CP-6
DRAWING NO. 4



NOT TO SCALE
ALL FENCING TO BE CONSTRUCTED
AS PER SPECIFICATION 382 AND AS
APPROVED BY THE NROS REPRESENTATIVE
(LARGE STREAMS MAY REQUIRE THE USE OF A
ENERGY LAMTER FOR HIGH WATER)



- NOTES:
1. ALL SPILL SHALL BE DEPOSITED OUTSIDE OF THE FLOODWAY AND WETLANDS.
2. DEPTH OF STONE FILL ABOVE NATURAL STREAMBED SHALL NOT EXCEED 6-INCHES.
3. ASHTO#1 STONE TO BE USED AS INTERIOR STONE. DEPTH OF STONE ___FT.
4. ASHTO#47 STONE TO BE USED TO FILL ANY SUBSEQUENT VOIDS ON INTERIOR STONE SURFACE.
5. _____ STONE SHALL BE USED AS EXTERIOR FRANK STONE. DEPTH OF STONE ___FT.
6. STONE SHALL BE KEYED INTO THE STEELMAKING AND BED.
7. INSTALL FENCING FOR LIVESTOCK EXCLUSION.

RIPRAP GRADATIONS				
Gradation Name	Size - Inches (sq. opening)			
	D ₁₀₀	D ₈₆	D ₆₀	D ₄₅
R-3	6	5	3	2
R-4	12	10	6	3
R-5	18	15	9	5
R-6	24	20	12	7
R-7	30	26	15	12
R-8	48	30	24	15